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**SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS**

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Micro Consultants, Inc., miniaturized high-speed analog to digital converter, Mar., 193

Microtronic Co., magnetic tape eraser, Sept., 717

Minolta Corp., Auto Meter II exposure meter, Apr., 254

—, Auto-Spot II, Auto-Spot II Digital, spot-reading exposure meters, Apr., 253

—, Sound 6000 projector, June, 465

—, super-8 cameras, June, 452

Nagra Magnetic Recorders, Inc., Nagra E audio recorder, June, 456

Neilson-Hordell Ltd., Moviecam-3, 35mm camera, Dec., 978

—, RCA Auto Rewind, Dec., 992

—, Thonnon-Pannaye lighting generator, Dec., 978

N. V. Optische Industrie, De Oude Delft, Cinemonta flatbed editing table, July, 532

O'Connor Engineering Labs, camera head, Model 30, Sept., 715

Opamp Labs, recording studio console, Model 2008-RS, June, 458

—, television audio console, Aug., 600

—, 10 x 10 matrix, Model 1010, Aug., 600

Optical Soc. of America, color samples, June, 468

Otari Corp., audio recorder, MX-5050, full-track version, June, 458

P.G.P. Consultants Ltd., horizontal editing table, Model AD11, Nov., 875

Philips Audio Video Systems Corp., AKG condenser microphone C-414EB, Aug., 598

Plastic Reel Corp. of America, A/V Tote, case for carrying multimedia components, Aug., 604

—, Plio-Mag film reel, Aug., 604

Prowest Electronics Ltd., television routing control system, Feb., 122

Quad/Eight Electronics, reverberation simulator,

CPR-16, Aug., 600  
 Quick-Set, Inc., fluid heads for cine/ENG cameras, Mar., 192  
 ——, Gibraltar Cam Head, Feb., 122  
 ——, Samson Cine/ENG tripod, July, 530  
 QSI Systems, Inc., television clock system, Dec., 986  
 ——, test monitoring switcher, QSI-800BC, Dec., 986  
 Pioneer Marketing Corp., Peterson Cor-Jr probe, Oct., 804  
 Rank Optics, Varotol Multi-Role lens (MRL), Sept., 710  
 RCA Broadcast Systems, digital video frame enhancer, TFS-121, Aug., 603  
 ——, editing system, SE-1, Oct., 802  
 RCA Broadcast Systems, Tactec radio for on-scene communications, July, 522  
 ——, TK-760 color television camera, July, 520  
 ——, TK-28A television film system, Aug., 602  
 RCA Photophone Systems, ServoLock synchronizer, Dec., 984  
 Research Technology Inc., Omega film inspection unit; Protection PCL cleaning, conditioning unit, Sept., 717  
 ——, Pulsar-IC 16mm film inspection machine, June, 466  
 ——, videotape conditioner, Mar., 193  
 Rohde & Schwarz Sales Co., Barco VSD2 demodulator, June, 462  
 ——, directional power meters, July, 530  
 ——, VIT Test Distortion Meter, Type UPF, June, 462  
 ——, Vertical Interval Test Distortion Meter, Mar., 196  
 Sachtler GmbH, Hydrokopf 16, tripod head, Nov., 870  
 Sennheiser Electronic Corp., headphone, HD 224X, Mar., 196  
 Shure Brothers Inc., microphone, dynamic type, SM59, Aug., 598  
 Warren R. Smith Co., zoom blow-up positioner for telecine projectors, Sept., 711  
 Sony Corp. of America, Betamax 300 series, Nov., 872  
 ——, BVR-1000 remote control unit, Dec., 984  
 ——, portable color video camera, BVP-200, July, 520  
 ——, portable U-Matic videocassette recorder, July, 520  
 ——, Trinicon camera, DXC-1610, July, 520  
 ——, vertical interval time code generator reader, BVG-1000, July, 530  
 ——, videotape recorder, BVH-500, July, 522  
 ——, videotape recorder, BVH-1000, Feb., 123  
 Spectra Sonics, audio mixer, Model 1100, Oct., 802  
 ——, electronic audio signal filter, Model 505, June, 458  
 Super8 Sound, Inc., Beeplight, auto-slating accessory for sound recorders, Sept., 714  
 ——, Reelx reel extender, Feb., 125  
 ——, XSD-II modified stereo cassette recorder, Aug., 602  
 Swintek Enterprises, Mark 200 communication system, June, 462  
 T.A.G. Photographic Inc., Braun-Nizo super-8 sound cameras, Dec., 982  
 ——, Braun Visacustic, super-8 sound projector, Dec., 988  
 Teknekron Records Automation, videodisc recorder, Dec., 984  
 Tele-Cine Inc., ENG Schneider lens, Feb., 120  
 ——, Schneider 30X Field TV lens, Feb., 120  
 Telecommunications Industries Ltd., BBC test card no. 61, July, 530  
 ——, gray scale reference unit, Nov., 874  
 ——, Porta-Pattern ENG two-chart set, Jan., 62  
 TeleMation, Inc., Auto Color Balance/Auto Gamma accessory for TCF-3000 telecine camera, Sept., 711  
 Tele-Measurements Inc., Tele-Pat Model VI diascopic, Mar., 188  
 ——, Tele-Pat test slides, Jan., 62  
 Television Equipment Associates, automatic video equalizer 2504N, Sept., 712  
 ——, television line selector, Model 2506, Aug., 603  
 TeleVue Optics, MK II, television projection lens, Nov., 874  
 Telex, audiotape record/playback preamplifier, RP-85, Mar., 196

The Great American Market, projection patterns, June, 468  
 3M Company, character generator, Model D-3016, Nov., 872  
 ——, digital cartridge storage unit, Feb., 123  
 ——, mini-U-Matic videocassette, June, 462  
 ——, production switcher, Model 812, Oct., 806  
 ——, Scotch Brand 67 splicing tape, Jan., 61  
 ——, television image enhancer, Model 6220, Aug., 603  
 ——, U-Do-It cassette reload kits, Sept., 713  
 Transound, monitor units, Jan., 59  
 ——, oscillator and an analyzer, Jan., 62  
 UAP Telaudio Centre, video signal generator, LCG-396, June, 464  
 Ultra Audio Products, audiomixer/master control, MS-105, Aug., 600  
 Unilux, Inc., Unilux 700 strobe light, Nov., 875  
 Unimedia, Unikit, Dec., 986  
 Unity Power Systems, transient protectors, Dec., 994  
 Varian Associates, photomultiplier tube, VPM-192M, Apr., 254  
 VIF International, capstan idler assembly, Mar., 195  
 W. Vinten Ltd., Dunlin fluid pan and tilt head, type 51, July, 526  
 ——, PortaPed, Feb., 121  
 Visual Information Institute, Inc., synchronizing generators, Nov., 872  
 Visual Methods Inc., TL 155 split lens system, June, 462  
 VIZ Test Instruments Group, frequency counter WD-752A, Feb., 125  
 ——, triggered oscilloscope, Model WO-527A, Nov., 873  
 Ward-Beck Systems Ltd., transportable audio console, Model M1002, Mar., 195  
 Wescorp, destaticizing blower, Model WD-100, Mar., 198  
 Wide Range Electronics Corp., super-8 recorder for S-8 magnetic sound recording, WRE Model 840, Mar., 195  
 World Video, Inc., color monitor, CR6220, Sept., 711  
 Yashica Inc., super-8 camera, 50XL Macro, June, 452  
 ——, super-8 projector, P810, Sept., 716  
 ——, Yashica Sound 20XL super-8 sound movie camera, Feb., 120  
 Zoomar, Inc., remote-controlled lenses, Models 15-450 TW, 30-600 DW, Nov., 870

#### NEW PRODUCTS AND DEVELOPMENTS (brief items) (Arranged by Subject; see also listing by Company below)

#### CAMERAS (including high-speed), attachments and related equipment (see also TELEVISION)

Aquarius underwater housing for Bauer cameras, Dec., 984  
 Bauer Slimline S-50XL super-8 camera, AIC Photo, Inc., Dec., 982  
 Braun-Nizo super-8 sound cameras, T.A.G. Photographic, Inc., the Alpa Group, Dec., 982  
 Case to hold Eclair ACL, W. Carson Co. Ltd., Jan., 60  
 Dunlin fluid pan and tilt head, W. Vinten Ltd., July, 526  
 8mm sound camera, Fujica ZM 800, Fuji Photo Film U.S.A., Inc., July, 526  
 Exposure meter, Auto Meter II, Minolta Corp., Apr., 254  
 Exposure meters, Auto-Spot II, Auto-Spot II Digital, Minolta Corp., Apr., 253  
 Filmsonic super-8 camera, Bell & Howell/Mamiya Co., Oct. 802  
 Fluid heads for cine/ENG cameras, Quick-Set Inc., Mar., 192  
 Fluid type camera head, Model 30, O'Connor Engineering Labs, Sept., 715  
 400-ft magazine adapter, Canon U.S.A., Mar., 190  
 Fujica ZXH 500 8mm sound camera, Fuji Photo Film U.S.A., Inc., Aug., 602  
 Gibraltar Cam Head, Quick-Set, Inc., Feb., 122  
 High-speed camera, Photec IV, 16mm, Infrared Industries, Apr., 252

Hydrokopf 16, tripod head, Sachtler GmbH, Nov., 870  
 IDI MiniPod, Image Devices Inc., Jan., 59  
 IDI Super Stix tripod, Image Devices Inc., Sept., 714  
 Low-light super-8 sound camera, Bell & Howell, Mar., 192  
 Macro Sound 65XL super-8 camera, Eumig (U.S.A.) Inc., Sept., 713  
 Magazine, PLC-4A 400-ft, Cinema Products Corp., Feb., 121  
 Motor for Arriflex 16S cameras, Arriflex Co. of America, June, 452  
 Movicam-3 35mm camera, Neilson-Hordell Ltd., Dec., 978  
 Photo-Sonics medium-high-speed cameras, 35mm-4M, 16mm-1P, Instrumentation Marketing Corp., Feb., 120  
 Photo-Sonics 35mm-4ML camera improved, Instrumentation Marketing Corp., Mar., 190  
 PortaPed pneumatic pedestal, W. Vinten Ltd., Feb., 121  
 Samson cine/ENG tripod, Quick-Set, Inc., July, 530  
 Shoulder pod accessory, Bell & Howell/Mamiya, June, 454  
 Single-frame accessory for Beaulieu super-8 sound cameras, Jan., 62  
 Spectra Combi II light meter, Ehrenreich Photo-Optical Industries, Sept., 715  
 Spectra Lumicon, foot candle meter, Ehrenreich Photo-Optical Industries, Sept., 715  
 Steadicam Universal Model, Cinema Products Corp., Mar., 190  
 Stop-motion unit, SS-25, Fax Co., Dec., 982  
 Super-8 camera, Bolex 680, Ehrenreich Photo-Optical Industries, Oct., 802  
 Super-8 camera, 50XL Macro, Yashica Inc., June, 452  
 Super-8 silent camera, 2143XL, Bell & Howell/Mamiya Co., June, 452  
 Super8 Sound beeplight, Super8 Sound, Inc., Sept., 714  
 Super-8 sound camera, 31XL, Eumig (U.S.A.) Inc., July, 526  
 Super-8 sound-on-film cameras, Minolta Corp., June, 452  
 Surveillance camera system, Beaulieu 16mm, Jan., 58  
 Synchronous phase lock for Photo-Sonics high-speed camera, Instrumentation Marketing Corp., Dec., 982  
 Television-format viewing frame for Bolex 16mm cameras, Ehrenreich Photo-Optical Industries, Dec., 984  
 Universal 808 fluid head and tripod, Cinema Products Corp., July, 528  
 Yashica Sound 20XL, super-8 camera, Yashica Inc., Feb., 120

#### FILM

Eastman color intermediate II film 5243/7243, Eastman Kodak Co., Apr., 252  
 Ektachrome video newsfilm 7250, Eastman Kodak Co., Apr., 252  
 Ektachrome VN print film 7399, Eastman Kodak Co., Apr., 252  
 Fujichrome 8mm films, R25, RT2000, Fuji Photo Film U.S.A., Inc., June, 454  
 Plio-Magic 16mm film reel, Plastic Reel Corp. of America, Aug., 604  
 Posi-Trol positive control sprockets, LaVezzi Machine Works, Aug., 604  
 RCL Auto Rewinder, 16mm film, Neilson-Hordell Ltd., Dec., 992

#### GENERAL

A/V Tote for carrying multimedia components, Plastic Reel Corp. of America, Aug., 604  
 Backsaver hand-truck, HT-4, Comprehensive Video Supply Corp., Nov., 877  
 BBC test card no. 61, Telecommunications Industries Ltd., July, 530  
 Coaxial step attenuators, Hewlett-Packard, Apr., 255  
 CQ-1 computerized quartz calculator, Casio, Inc., Apr., 254  
 Earth station receiver system, FV4ESR, Farinon Electric, Nov., 871

Equipment cases, Image Devices Inc., Dec., 994  
IDI Superkart, Image Devices Inc., Sept., 717  
Reload Kits, new reels of tape for U-Matic shells, 3M Company, Sept., 713  
Tactec handheld radio, on scene communication, RCA Broadcast Systems, July, 522  
The Time Machine, sexagesimal calculator, Chafitz, Apr., 255  
Unex visual display sign, American Sign and Indicator Corp., Sept., 717  
Wireless communication system, Mark 200, Swintek Enterprises, June, 462

#### LABORATORY PRACTICE (printing, processing, editing, etc.)

Auto-Gamma Balance, Cohu, Inc. Dec., 986  
Cinemonta, flatbed image-and-sound editing table, N.V. Optische Industrie, De Oude Delft, July, 532  
Console editing table, 35mm, Magnasync/Moviola Corp., Oct., 802  
Destacizing blower, Model WD-100, Wescorp., Mar., 198  
Edit-code comparator, 4220, BTX Corp., June, 462  
Editing machine, Acmae International, Nov., 876  
Editing system, SE-1, RCA Broadcast Systems, Oct., 802  
Electronic still processors, ESP-100, 200, 750, ADDA Corp., Nov., 871  
Electronic video editing control unit, RM-83U, JVC Industries, Inc., July, 532  
Film cleaner, Christie Electric Corp., Sept., 717  
Film inspection machine, Pulsar-IC, 16mm automatic, Research Technology Inc., June, 466  
Film inspection unit, Omega, Research Technology Inc., Sept., 717  
Horizontal editing table, Model AD11, P.G.P. Consultants Ltd., Nov., 875  
Magnetic-tape eraser, Microtron Co., Sept., 717  
Multiscope table viewer, Karl Heitz, Nov., 877  
Peterson Cor-Jr probe, Pioneer Marketing Corp., Oct., 804  
Portable flatbed film editor, Cinematics Inc., Jan., 60  
Scotch Brand 67 splicing tape, 3M Company, Jan., 61  
Special effects printers, Bell & Howell, Mar., 188  
Tape splicer, Hervic Corp., Jan., 61  
Tape splicer, Magnasync/Moviola Corp., Nov., 876  
Ultima line of film processors, Allen Products Co., Nov., 877  
Ultrasonic CF200 film cleaner, Lipsner Smith Corp., June, 465  
Ultrasonic film splicer for polyester base films, Metro/Kalvar Inc., June, 466  
Videotape conditioner, Research Technology Inc., Mar., 193

#### LENSES, OPTICS

Angenieux 10 X 12B, 12-120 zoom lens, Angenieux Corp. of America, Jan., 59  
Bolex Aspheron wide angle adapter, Ehrenreich Photo-Optical Industries, Inc., Nov., 875  
Director's zoom finder, HIB 35/16mm, Alan Gordon Enterprises Inc., Mar., 192  
ENG Schneider lens, Tele-Cine Inc., Feb., 120  
Lenses, remote-controlled, Models 15-450, 30-600 DW, Zoomar, Inc., Nov., 870  
Schneider 30X field TV lens, Tele-Cine Inc., Feb., 120  
Varotal Multi-Role lens (MRL) for television, Rank Optics, Sept., 710

#### LIGHTING

CP/Newslite 12V/100W lighting system, Cinema Products Corp., Oct., 804  
Ellipsoid family of spotlights, Berkey Colortran, Feb., 125  
Osram xenon bulbs, XBO 1000, XBO 1600, Macbeth Sales Corp., Nov., 876  
Strobe light, Unilux 700, Unilux, Inc., Nov., 875  
Thonon-Pannaye lighting generator, Neilson-Hordell, Dec., 978

#### PROJECTORS, PROJECTION EQUIPMENT

Analysis projector, NAC Model DF-35, Instrumentation Marketing Corp., Feb., 124  
Autowind III for automation of 35mm projection, Christie Electric Corp., Aug., 604

Bauer 16mm Selecton type 11/0 projector, Arriflex Co. of America, Feb., 124  
Bauer U-4 projector, Arriflex Co. of America, Feb., 125  
Bolex 521, 16mm sound projector, Ehrenreich Photo-Optical Industries, Dec., 988  
Braun Visacustic super-8 projector, T.A.G. Photographic, Inc., Dec., 988  
DDM Multi-Mirror projection lamp, General Electric, Dec., 990  
Projector, Magnaflex 16 Mark III double band, Victor Duncan, Inc., June, 464  
Projector, 16mm, NAC Model DF-16B, film analysis, Instrumentation Marketing Corp., Mar., 194  
Projector, Sound 6000, Minolta Corp., June 465  
Projector, super-8, 824 Somatic, Eumig (U.S.A.) Inc., Sept., 715  
Projector, super-8, Yashica Sound P810, Yashica Inc., Sept., 716  
Sound projector, super-8, 820 Somatic HQS, Eumig U.S.A., Sept., 716  
Super-8 movie projection system, Moviemaker Cinema I, General Production Services, Aug., 603  
Super-8 sound projector, GS-1200 Stereo, Elmo Mfg. Corp., Dec., 988  
Xenon slide projector, Quadrupoint, Bergen Expo Systems, June, 466

#### SOUND

Audio Console, transportable, Model M1002, Ward Beck Systems Ltd., Mar., 195  
Audio Level Optimizer II, Model 221, Dec., 990  
Audio mixer/master control for television studios, MS-105, Ultra Audio Products, Aug., 600  
Audio mixer, Model 1100, Spectra Sonics, Oct., 802  
Audio recorder, ATR-700, Ampex Corp., Jan., 61  
Audio recorder, MX-5050, full-track version, Otari Corp., June, 458  
Audio tape record/playback preamplifier, RP-85, Telex, Mar., 196  
Audio/video tape synchronizer, MQS-100, EECO, Nov., 873  
Beaulieu/Sennheiser microphones, Hervic Corp., Mar., 196  
Broadcast audio control console, Listec Television Equipment Corp., Aug., 600  
Capstan idler assembly, VIF International, Mar., 196  
Cardioid condenser microphone, Electro-Voice, Inc., June, 458  
Cassette audiotape duplicator, Gauss 1200, Cetec Audio, Aug., 598  
Condenser microphone, Philips Audio Video Systems Corp., Aug., 598  
Digital time delay system, Delta-T Model 92, Lexicon, Inc., Dec., 990  
High-fidelity monitor units, Transound, Jan., 59  
Matrix Model 1010 providing pushbutton assignment of any combination of 10 input audio lines to any combination of 10 output lines, Opamp Labs, Aug., 600  
Microphone, dynamic type, SM59, Shure Brothers, Aug., 598  
Microphone stand extension assembly, Atlas Sound, June, 458  
Monitoring headphone, HD 224X, Sennheiser Electronic Corp., Mar., 196  
Nagra E audio recorder, Nagra Magnetic Recorders, June, 456  
P.A.G. Mini-Rack, magnetic film sound recording system, KLM Associates, Inc., June, 456  
Passive L-C delay lines, Allen Avionics, Inc., Dec., 988  
PEM 468 mastering audiotape, Agfa-Gevaert, Aug., 602  
Recording studio console, Model 2008-RS, Opamp Labs Inc., June, 458  
Reverberation chambers, Super C, MicMix Audio Products, Inc., Mar., 196  
Reverberation simulator, computer programmed, CPR-16, Quad/Eight Electronics, Aug., 600  
Sound mixer, S6-2, Audio Marketing Ltd., Nov., 874  
Stereo cassette recorder, XSD-II, Super8 Sound, Inc., Aug., 602  
Telefunken M 15A multitrack audio master recorder, Gotham Audio Corp., Dec., 990  
Television audio console, Opamp Labs, Aug., 600

The Time Warp audio delay unit, sound effects generator, MicMix Audio Products, Jan., 60  
Wireless microphone system, HM Electronics, Inc., Nov., 874

#### TELEVISION (cameras, projectors, equipment, tubes, special applications, videotape and recorders, display systems, cassettes, videodiscs, etc.)

Analog to digital converter, miniaturized, Micro Consultants, Mar., 193  
Athena 5000 television projector, L-W International, Mar., 194  
Auto Color Balance/Auto Gamma CA-3000 accessory, TCF-3000 telecine camera, TeleMation, Inc., Sept., 711  
ChromaCon, accessory for IVC-700 and -800 videotape recorders, International Video Corp., Feb., 124  
Backpack television transmitter, Electronics, Missiles & Communications, Inc., Feb., 122  
Bar Graph Generator, Model 101, Colorado Video, Inc., Feb., 123  
Betamax 300 series, Sony Corp. of America, Nov., 872  
Character generator, Model D-3016, 3M Company, Nov., 872  
ChromaCon videotape recorder, IVC-1070, International Video Corp., Apr., 250  
Color camera, BCC-10, Ampex Corp., Nov., 870  
Color disc recorder, Eigen, Mar., 193  
Colorizing process for TV, BJA Systems, Inc., Jan., 63  
Color monitor, CR6220, World Video, Inc., Sept., 711  
Color videocassette player, CP5000U, JVC Industries, Inc., June, 458  
Color videotape, Fuji H 701 E, Fuji Photo Film U.S.A., Inc., Sept., 713  
Diascope, Tele-Pat Model VI, Tele-Measurements Inc., Mar., 188  
Digital cartridge storage unit, 3M Company, Feb., 123  
Digital frame synchronizer, RCA Broadcast Systems, Aug., 603  
Digital time-base corrector, standards converter, PAL/M, Consolidated Video Systems, July, 528  
Directional power meters, Rohde & Schwarz, July, 530  
Disc recorder, slow motion, Model 12, Eigen Video, Jan., 58  
Disc recorder, Sports Package, Eigen Video, Sept., 711  
Frame Grab and Store option, Grinnell television display systems, Sept., 711  
High-band videotape recorder, BVH-1000, Sony Broadcast, Feb., 123  
Hip-Switcher for video newsgathering, Adwar Video Corp., Sept., 710  
Hydro Head, ITE-H9, Innovative Television Equipment, Feb., 122  
Isocon camera system, 7400 series, Cohu, Inc., Dec., 980  
Large-screen television projector, PJ5000, General Electric Co., Sept., 710  
Large-screen television projector, Spectacolor, Electronic Applications, Inc., Sept., 710  
PAL/SECAM digital time-base corrector, CVS-517, Consolidated Video Systems, Nov., 871  
Portable color video camera, BVP-200, Sony Corp. of America, July, 520  
Portable U-Matic videocassette, BVU-50, Sony Corp. of America, July, 520  
Portable television camera, EMI 2008, EMI Sound and Vision Equipment Ltd., Dec., 980  
Porta-Brace to carry JVC 3/4-in videocassette recording systems, K and H Products, Ltd., Jan., 60  
Production switcher, 3M Company, Oct., 706  
QSI television clock system, QSI Systems, Dec., 986  
Reellex reel extender, Super8 Sound, Inc., Feb., 125  
Remote control unit, BVR-1000, Sony Corp. of America, Dec., 984  
ServoLock Synchronizer, RCA Photophone Systems, Dec., 984  
Signal generator, Model 2016, Marconi Instruments, Sept., 712  
Slow-motion disc recorder, color, Model 12, Eigen Video, Jan., 58  
Slow-motion recorder, Sportster, Eigen Video, Sept., 711

Speedmatic closed-circuit infrared television system, ESECO, Dec., 992

Split lens system, TL 155, Visual Methods Inc., June, 462

Super-8 cameras, 805 M, 505 XLM, 415 XLM, GAF Corp., Nov., 874

Super-8 recorder, WRE Model 840, Wide Range Electronics Corp., Mar., 195

Switcher-fader, portable, Adwar Video Corp., Jan., 58

Synchronizing generators, Visual Information Institute, Inc., Nov., 872

Tele-Pat test slides, Tele-Measurements Inc., Jan., 62

Television camera, monochrome, Surveyer III, EMI Sound & Vision Equipment Ltd., July, 526

Television camera, TK-760, RCA Broadcast Systems, July, 520

Television demodulator, Barco VSD2, Rohde & Schwarz Sales Co., June, 462

Television film system, TK-28A, RCA Broadcast Systems, Aug., 602

Television image enhancer, 3M Company, Aug., 603

Television line selector, Matthey Printed Products Ltd.; Television Equipment Associates Inc., Aug., 603

Television modulator, Catel, July, 530

Television projection lens, TeleVue Optics, Nov., 874

Television routing control system, Prowest Electronics Ltd., Feb., 122

Three-tube color TV camera, NU-1800U, JVC Industries, Mar., 188

Trinicon portable color camera, DXC-1610, Sony Corp. of America, July, 520

Tripod ITE-T2, Innovative Television Equipment, Feb., 122

Unikit designed to modify Sony Trinitron, Unimed, Dec., 988

Vertical interval time code generator reader, BVG-1000, Sony Corp. of America, July, 530

Videocassette, Scotch Brand mini-U-Matic, 3M Company, June, 462

Videodisc recorder, Teknekron Records Automation, Dec., 984

Video equalizer, automatic, 2504N, Matthey Printed Products Ltd., Sept., 712

Video signal generator, LCG-396, UAP/Telaudio Centre, June, 464

Videotape recorder, BCN-format, console version, IVC-8050, International Video Corp., Mar., 192

Videotape recorder, BVH-500, Sony Corp. of America, July 522

Vinten fluid head, Listec Television Equipment Corp., June, 454

Vinten Petrel pan and tilt head, Model 777, Listec Television Equipment Corp., Nov., 870

Vision One video imaging processing system, Comtal Corp., Apr., 250

VIT distortion meter, type UPF, Rohde & Schwarz, June, 462

VPR-10 helical video production recorder, advanced model, Ampex Corp., Sept., 712

Zoom blow-up positioner, televideo projectors, Warren R. Smith Co., Sept., 711

#### TESTS, MEASUREMENTS AND QUALITY CONTROL

Auto-Gamma Balance, Cohu, Inc., Dec., 986

Datametrics digital timing device, SP-722, Gould Inc., Sept., 712

Densitometer, TRD-8S, Brumac Industries, Oct., 806

Digital LED tape timers, TT-4 and TT-5, Convergence Corp., Feb., 124

Digital multimeter, Hewlett-Packard, Dec., 992

Film inspection machine, Pulsar-IC, 16mm, automatic, Research Technology Inc., June, 466

Frequency counter, WD-752A, Viz Test Instruments Group, Feb., 125

Gray scale reference unit, Telecommunications Industries Ltd., Nov., 874

Omnicon shading corrector, Bausch & Lomb, Dec., 986

Oscillator and analyzer, Transound, Jan., 62

Oscilloscope, Delta Time, 1715A, Hewlett-Packard, Sept., 712

Oscilloscope, portable, V-059B, Hitachi Denshi America Ltd., Nov., 873

Oscilloscope, triggered, Model WO-527A, VIZ Test Instruments Group, Nov., 873

Oscilloscope, variable persistence/storage, Model 1223A, Hewlett-Packard, Mar., 197

p.c.m. multiplex tester, Model 2807A, Marconi Instruments, Mar., 197

Photomultiplier tube, VPM-192M, Varian Associates, Apr., 254

Programmable signal source, Model 8165A, Hewlett-Packard, Dec., 992

Test monitoring switcher, QSI-800BC, QSI Systems, Dec., 988

Transient protectors, Unity Power Systems, Dec., 994

VIT distortion meter, Rohde & Schwarz, Mar., 196

#### OBITUARIES

Berryhill, Joseph Lee, Dec., 970

Bingley, Frank J., Feb., 90

Connor, Roland E., Apr., 246

Dye, Glen M., Dec., 970

Fisher, Henry Millward, Sept., 702

Halprin, Sol, Sept., 706

Herren, Eric A., Feb., 89

Hyde, Richard, Sept., 706

Kantor, Bernard R., Apr., 246

Kobayashi, Setsutaro, Dec., 970

Marshak, Immanuel, Dec., 970

Neumann, Georg, Feb., 90

Pulman, Robert, Sept., 706

Sipe, Carl E., Dec., 970

Tinkham, Russell John, Feb., 90

Town, Howard W., Apr., 246

Weinberg, Sydney A., Sept., 708

Willenson, Milton W., Feb., 89

Wintringham, William Tylee, Feb., 89

#### OPTICS

Prism compensators, Pt. I, theory, *Buchroeder, Hayslett and Swantner*, June, 431-438

Zoom lenses, television, modular construction, *Macher*, Sept., 636-641

#### OTHER ORGANIZATIONS

Ancillary services, television channel, *Marti*, Nov., 815-818

Association of Cinema and Video Laboratories, Fall 1977 meeting in Los Angeles, Report, *Bigbee*, Dec., 930-933

EIA recommended practice, horizontal sync, horizontal blanking and burst timing in television broadcasting, Jan., 13-14; Intro, *Benson*, Jan., 13

Electronic newsgathering, European Broadcasting Union, *Townsend*, Sept., 646-649

JCIC activities, progress report, *Zavada*, Sept., 649-651

PMPEA hands-on equipment seminar, Dec., 934

Société Française de Production — new techniques, production, television, cinema, *Oudin*, Nov., 812-814

Uniatec congress, 12th, Moscow, 5-10 Oct. 1976, report, *Teitelbaum and Happé*, Mar., 162-168

#### PHOTOGRAPHIC THEORY AND MATERIALS

Color photography, spot exposure meter, designed for, *Staes*, Oct., 721-725

RMS granularity, just-noticeable differences, determination, *Zwick and Brothers* (a reprint), June, 427-430

#### POWER SUPPLY

Nickel-cadmium batteries, sealed, system for 20-min recharging, *Benjamin*, Apr., 204-209

Transformer, outboard, audiovisual equipment, *Wyman*, July, 486-487

#### PRODUCTION (See also TELEVISION)

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## Society of Motion Picture and Television Engineers

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Nomenclature			8mm, 25-ft capacity	PH22.107-1075	Feb. 1976
Cartridge/Cassette	RP 58-1974	Jan. 1975	Double 8, 100-ft capacity	PH22.173-1975	Feb. 1976
Film	PH22.56-1971	Oct. 1971	16mm, daylight-loading		
Notching, Scene Change, 35mm	RP 53-1974	Oct. 1977 <sup>1</sup>	50- to 400-ft capacity	PH22.174-1975	Feb. 1976
			Sprockets		
			regular 8	RP 73	Aug. 1976 <sup>1</sup>
			super 8	RP 55-1974	Jan. 1975
			16mm	RP 74	Aug. 1976 <sup>1</sup>
			16mm and 8mm	RP 1-1950 R1963	Feb. 1950 Aug. 1976 <sup>1</sup>
			35mm	PH22.35-1962 R1976	May 1962
			Synchronization, sound-picture	RP 25-1968 R1972	Mar. 1968
			Unsteadiness, High-Speed Camera	RP 17-1964 R1976	May 1964

R — Reaffirmed.

<sup>1</sup> Proposed standard or recommended practice.

<sup>2</sup> Essential technical content is included in the early publication date. The later date lists editorial or nontechnical changes agreed to by SMPTE engineering committees and subsequently incorporated in a revision of the standard.

<sup>3</sup> Withdrawal notice.

<sup>4</sup> Transferred to ANSI Committee C78.

## STANDARDS OF PARTICULAR INTEREST TO THE MOTION-PICTURE AND TELEVISION DISCIPLINES

ASTM E380-76/IEEE Std 268-1976, Metric Practice  
IEEE Std 100-1972, Dictionary of Electrical and Electronics Terms  
IEEE Std 193-1971, Weighted Peak Flutter of Sound Recording and Reproducing Equipment  
IEEE Std 202-1954 (R1972), Television: Methods of Measurement of Aspect Ratio and Geometric Distortion  
IEEE Std 205-1958 (R1972), Television: Measurement of Luminance Signal Levels  
IEEE Std 347-1972, Method of Measuring Recorded Flux of Magnetic Sound Records at Medium Wavelengths  
IES RP16-1967, Nomenclature and Definitions for Illuminating Engineering  
53 IRE 3.82/IEEE Std 152-1953, Volume Measurements of Electrical Speech and Program Waves  
C78.370-1975, Method for the Designation of Photo Lamps  
PH1.25-1976, Specifications for Safety Photographic Film  
PH1.29-1971, Methods for Determining Curl of Photographic Film  
PH1.31-1973, Method for Determining the Brittleness of Photographic Film  
PH1.41-1976, Specifications for Photographic Film for Archival Records, Silver-Gelatin Type, on Polyester Base  
PH1.43-1975, Practice for Storage of Processed Safety Photographic Film  
PH2.1-1952 (R1976), Spectral Diffuse Densities of Three-Component Subtractive Color Films  
PH2.3-1972, Method for Determining the Actinuity or the Relative Photographic Effectiveness of Illuminants  
PH2.5-1972, Method for Determining Speed of Photographic Negative Materials (Monochrome, Continuous-Tone)  
PH2.19-1975, Conditions for Diffuse and Doubly-Diffuse Transmission Measurements (Transmission Density)  
PH2.22-1971, Methods for Determining Safety Times of Photographic Darkroom Illumination  
PH2.25-1965 (R1976), Photographic Printing Density (Carbon Step Tablet Method)  
PH2.29-1967 (R1976), Simulated Daylight Source for Photographic Sensitometry  
PH2.33-1969 (R1976), Method for Determining the Resolving Power of Photographic Materials  
PH2.35-1969 (R1976), Simulated Incandescent Tungsten Sources for Photographic Sensitometry  
PH3.6-1952 (R1975), Tripod Connections for American Cameras, 1/4-inch-20 Thread  
PH3.7-1952 (R1975), Tripod Connections for Heavy-Duty or European Cameras, 3/8-inch-16 Thread with Adapter for 1/4-inch-20 Tripod Screws  
PH3.13-1970 (R1975), Focal Length Marking of Lenses  
PH3.17-1972, Specifications for Photographic Optical Filter Sizes  
PH3.20-1975, Distance Scales for Focusing Camera Lenses  
PH3.22-1958 (R1971), Distribution of Illuminance Over the Field of a Photographic Objective or Projection Lens  
PH3.25-1971, Nomenclature for Parts of a Photographic Objective Lens  
PH3.29-1971, Methods of Designating and Measuring Apertures and Related Quantities Pertaining to Photographic Lenses  
PH3.33-1973, Designation of the Apertures of Photographic Lenses  
PH3.35-1960 (R1971), Methods of Designating and Measuring Focal Lengths and Focal Distances of Photographic Lenses  
PH3.37-1969, Test Method for the Selective Transmission of a Photographic Lens  
PH3.44-1970 (R1975), Values for Color Contribution of Photographic Lenses  
PH3.49-1971, General-Purpose Photographic Exposure Meters (Photoelectric Type)  
PH3.50-1972, Dimensions for Resolution Test Target for Photographic Optics  
PH3.63-1974, Method for Determining the Photographic Resolving Power of Photographic Lenses  
PH5.6-1968 (R1974), Dimensions for 100-Foot Reels for Processed 16mm and 35mm Microfilm  
PH7.1-1971, Specifications for 35mm Single-Frame Filmstrips

## STANDARDS OF GENERAL INTEREST

PH1.10-1976, Dimensions for Unperforated and Perforated Photographic Film in Rolls, Including Leaders and Trailers, for Aerial and Related Uses  
PH1.14-1976, Dimensions for 135-Size Film Magazines and Film for 135-Size Still-Picture Cameras  
PH1.28-1976, Specifications for Photographic Film for Archival Records, Silver-Gelatin Type, on Cellulose Ester Base  
PH1.32-1973, Method for Determining the Dimensional Change Characteristics of Photographic Films and Papers  
PH1.33-1972, Dimensions for 16mm 100-Foot, 16mm 200-Foot, 35mm 100-Foot and 70mm 100-Foot Spools for Recording Instruments and for Microfilm and Still-Picture Cameras  
PH1.37-1969 (R1969), Methods for Determining the Scratch Resistance of Processed Photographic Film  
PH1.42-1969 (R1975), Method for Comparing Color Stabilities of Photographs  
PH2.4-1965 (R1971), Method for Determining Exposure Guide Numbers for Photographic Lamps  
PH2.7-1973, Photographic Exposure Guide  
PH2.15-1964 (R1976), Automatic Exposure Control for Cameras  
PH2.17-1958 (R1976), Diffuse Reflection Density  
PH2.21-1972, Sensitometric Exposure and Evaluation Method for Determining Speed of Color Reversal Films for Still Photography  
PH2.23-1961 (R1969), Lighting Conditions for Viewing Photographic Color Prints and Transparencies  
PH2.27-1965 (R1971), Method for Determining the Speed of Color Negative Films for Still Photography  
PH2.31-1969 (R1976), Direct Viewing of Photographic Color Transparencies



